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NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 May 10 PROUSDDR now available on STN  
NEWS 4 May 19 PROUSDDR: One FREE connect hour, per account, in both May  
and June 2004  
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NEWS 7 May 17 FRFULL now available on STN  
NEWS 8 May 27 New UPM (Update Code Maximum) field for more efficient patent  
SDIs in Caplus  
NEWS 9 May 27 Caplus super roles and document types searchable in REGISTRY  
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and WATER from CSA now available on STN(R)  
  
NEWS EXPRESS MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT  
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 08:46:12 ON 29 JUN 2004

=> file medline, agricola, caba, caplus, biosis, biotechno		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
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FILE 'MEDLINE' ENTERED AT 08:46:19 ON 29 JUN 2004

FILE 'AGRICOLA' ENTERED AT 08:46:19 ON 29 JUN 2004

FILE 'CABA' ENTERED AT 08:46:19 ON 29 JUN 2004

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FILE 'CAPLUS' ENTERED AT 08:46:19 ON 29 JUN 2004  
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FILE 'BIOSIS' ENTERED AT 08:46:19 ON 29 JUN 2004  
COPYRIGHT (C) 2004 BIOLOGICAL ABSTRACTS INC.(R)

FILE 'BIOTECHNO' ENTERED AT 08:46:19 ON 29 JUN 2004  
COPYRIGHT (C) 2004 Elsevier Science B.V., Amsterdam. All rights reserved.

=> s (ozeki, y? or ozeki y?)/au  
L1 1018 (OZEKI, Y? OR OZEKI Y?)/AU

=> s (fukuda, t? or fukuda t?)/au  
L2 9797 (FUKUDA, T? OR FUKUDA T?)/AU

=> s (oyanagi, m? or oyanagi m?)/au  
2 FILES SEARCHED...  
L3 134 (OYANAGI, M? OR OYANAGI M?)/AU

=> s (koda, t? or koda t?)/au  
L4 822 (KODA, T? OR KODA T?)/AU

=> s l1 and l2 and l3 and l4  
L5 5 L1 AND L2 AND L3 AND L4

=> duplicate remove l5  
DUPLICATE PREFERENCE IS 'MEDLINE, CABA, CAPLUS, BIOSIS'  
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n  
PROCESSING COMPLETED FOR L5  
L6 2 DUPLICATE REMOVE L5 (3 DUPLICATES REMOVED)

=> d l6 1-2 ti

L6 ANSWER 1 OF 2 MEDLINE on STN DUPLICATE 1  
TI Putative cis-elements in the promoter region of the carrot phenylalanine  
ammonia-lyase gene induced during anthocyanin synthesis.

L6 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN  
TI MITE (miniature inverted-repeat transposable element)-like elements and  
transcriptional activation element in plants

=> d l6 1-2 bib

L6 ANSWER 1 OF 2 MEDLINE on STN DUPLICATE 1  
AN 2003215219 MEDLINE  
DN PubMed ID: 12736787  
TI Putative cis-elements in the promoter region of the carrot phenylalanine  
ammonia-lyase gene induced during anthocyanin synthesis.  
AU Ozeki Yoshihiro; Chikagawa Yukie; Kimura Souichi; Soh  
Hyun-cheol; Maeda Kazuhiro; Pornsiriwong Wannarat; Kato Masayuki; Akimoto  
Hirofumi; Oyanagi Mikiko; Fukuda Takashi; Koda  
Takatoshi; Itoh Yoshio; Yamada Akiyo; Davies Eric; Ueno Hiroshi;  
Takeda Junko  
CS Department of Biotechnology, Faculty of Technology, Tokyo University of  
Agriculture and Technology, 2-24-16 Naka-cho, Koganei, Tokyo 184-8588,  
Japan.. ozeky@cc.tuat.ac.jp  
SO Journal of plant research, (2003 Apr) 116 (2) 155-9.  
Journal code: 9887853. ISSN: 0918-9440.  
CY Japan  
DT Journal; Article; (JOURNAL ARTICLE)

LA English  
FS Priority Journals  
EM 200306  
ED Entered STN: 20030509  
Last Updated on STN: 20030611  
Entered Medline: 20030610

L6 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2001:64170 CAPLUS  
DN 134:126841  
TI MITE (miniature inverted-repeat transposable element)-like elements and  
transcriptional activation element in plants  
IN Ozeki, Yoshihiro; Oyanagi, Mikiko; Fukuda,  
Takashi; Koda, Takatoshi  
PA San-Ei Gen F. F. F., Inc., Japan  
SO PCT Int. Appl., 104 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001005986	A2	20010125	WO 2000-JP4837	20000719
	WO 2001005986	A3	20011025		
	W:		AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM		
	RW:		GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG		
	JP 2001029077	A2	20010206	JP 1999-206316	19990721
	JP 2001086994	A2	20010403	JP 2000-175825	20000612
	EP 1203086	A2	20020508	EP 2000-946398	20000719
	R:		AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL		
PRAI	JP 1999-206316	A	19990721		
	JP 1999-206320	A	19990721		
	JP 2000-175825	A	20000612		
	WO 2000-JP4837	W	20000719		

=> d his

(FILE 'HOME' ENTERED AT 08:46:12 ON 29 JUN 2004)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT 08:46:19 ON 29 JUN 2004

L1 1018 S (OZEKI, Y? OR OZEKI Y?)/AU  
L2 9797 S (FUKUDA, T? OR FUKUDA T?)/AU  
L3 134 S (OYANAGI, M? OR OYANAGI M?)/AU  
L4 822 S (KODA, T? OR KODA T?)/AU  
L5 5 S L1 AND L2 AND L3 AND L4  
L6 2 DUPLICATE REMOVE L5 (3 DUPLICATES REMOVED)

=> s l1 or l2 or l3 or l4

L7 11746 L1 OR L2 OR L3 OR L4

=> s l7 not l5

L8 11741 L7 NOT L5

=> s l8 and (mite OR miniature(w)inverted)

L9 17 L8 AND (MITE OR MINIATURE(W) INVERTED)

=> duplicate remove l9  
DUPLICATE PREFERENCE IS 'MEDLINE, CABA, CAPLUS, BIOSIS, BIOTECHNO'  
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n  
PROCESSING COMPLETED FOR L9  
L10 10 DUPLICATE REMOVE L9 (7 DUPLICATES REMOVED)

=> d l10 1-10 ti

L10 ANSWER 1 OF 10 MEDLINE on STN DUPLICATE 1  
TI Production of TARC and MDC by naive T cells in asthmatic patients.

L10 ANSWER 2 OF 10 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
TI Cloning of splicing factor from suspension cultured carrot cells.

L10 ANSWER 3 OF 10 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
TI The effect of transposable element for transformation in plants.

L10 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 2  
TI The involvement of CD80 and CD86 molecules in CD4+ T cell activation in atopic bronchial asthma

L10 ANSWER 5 OF 10 CABA COPYRIGHT 2004 CABI on STN  
TI Effect of immunotherapy on the production of eosinophil adhesion-inducing activity from mononuclear cells in house-dust-mite-sensitive bronchial asthma.

L10 ANSWER 6 OF 10 CABA COPYRIGHT 2004 CABI on STN  
TI Effects of IL-4 on antigen-induced production of eosinophil chemotactic activity from human mononuclear leukocytes.

L10 ANSWER 7 OF 10 CABA COPYRIGHT 2004 CABI on STN  
TI Chronologic analysis of eosinophil granule protein deposition and cell adhesion molecule expression in mite allergen-induced dermatitis in atopic subjects.

L10 ANSWER 8 OF 10 MEDLINE on STN DUPLICATE 3  
TI Detection of allergen-induced genes in peripheral blood mononuclear cells of patients with allergic asthma using subtractive hybridization.

L10 ANSWER 9 OF 10 MEDLINE on STN  
TI The role of bronchial responsiveness to leukotrienes in antigen-induced immediate and late asthmatic response.

L10 ANSWER 10 OF 10 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
TI THE SIGNIFICANCE OF LEUKOTRIENE IN ANTIGEN-INDUCED LATE ASTHMATIC RESPONSE.

=> d l10 2,3 bib

L10 ANSWER 2 OF 10 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2001:232058 BIOSIS  
DN PREV200100232058  
TI Cloning of splicing factor from suspension cultured carrot cells.  
AU Kimura, Soichi [Reprint author]; Itoh, Yoshio [Reprint author]; Ozeki, Yoshihiro [Reprint author]  
CS Dept. Biotechnol., TUAT, Tokyo, 184-8588, Japan  
SO Plant and Cell Physiology, (2001) Vol. 42, No. Supplement, pp. s50. print.  
Meeting Info.: Symposia and Workshops of the 2001 Annual Meeting of the Japanese Society of Plant Physiologists. Fukuoka, Japan. March 23-26, 2001. Japanese Society of Plant Physiologists.  
CODEN: PCPHA5. ISSN: 0032-0781.  
DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)

LA English  
ED Entered STN: 16 May 2001  
Last Updated on STN: 18 Feb 2002

L10 ANSWER 3 OF 10 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2001:232057 BIOSIS  
DN PREV200100232057  
TI The effect of transposable element for transformation in plants.  
AU Fukuda, Takashi [Reprint author]; Oyanagi, Mikiko  
[Reprint author]; Kohda, Takatoshi; Maitani, Tamio; Ozeki,  
Yoshihiro [Reprint author]  
CS Dept. Biotechnol., TUAT, Tokyo, 184-8588, Japan  
SO Plant and Cell Physiology, (2001) Vol. 42, No. Supplement, pp. s50. print.  
Meeting Info.: Symposia and Workshops of the 2001 Annual Meeting of the  
Japanese Society of Plant Physiologists. Fukuoka, Japan. March 23-26,  
2001. Japanese Society of Plant Physiologists.  
CODEN: PCPHA5. ISSN: 0032-0781.  
DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
LA English  
ED Entered STN: 16 May 2001  
Last Updated on STN: 18 Feb 2002

=> d his

(FILE 'HOME' ENTERED AT 08:46:12 ON 29 JUN 2004)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT  
08:46:19 ON 29 JUN 2004

L1 1018 S (OZEKI, Y? OR OZEKI Y?)/AU  
L2 9797 S (FUKUDA, T? OR FUKUDA T?)/AU  
L3 134 S (OYANAGI, M? OR OYANAGI M?)/AU  
L4 822 S (KODA, T? OR KODA T?)/AU  
L5 5 S L1 AND L2 AND L3 AND L4  
L6 2 DUPLICATE REMOVE L5 (3 DUPLICATES REMOVED)  
L7 11746 S L1 OR L2 OR L3 OR L4  
L8 11741 S L7 NOT L5  
L9 17 S L8 AND (MITE OR MINIATURE(W) INVERTED)  
L10 10 DUPLICATE REMOVE L9 (7 DUPLICATES REMOVED)

=> s carrot or daucus

L11 38869 CARROT OR DAUCUS

=> s l11 and (pal or phenylalanine(w) ammonia) and promoter

L12 29 L11 AND (PAL OR PHENYLALANINE(W) AMMONIA) AND PROMOTER

=> s l12 not l7

L13 3 L12 NOT L7

=> duplicate remove l13

PROCESSING COMPLETED FOR L13

L14 3 DUPLICATE REMOVE L13 (0 DUPLICATES REMOVED)

=> d l14 1-3ti

'1-3TI' IS NOT A VALID FORMAT FOR FILE 'CAPLUS'

The following are valid formats:

ABS ----- GI and AB  
ALL ----- BIB, AB, IND, RE  
APPS ----- AI, PRAI  
BIB ----- AN, plus Bibliographic Data and PI table (default)  
CAN ----- List of CA abstract numbers without answer numbers  
CBIB ----- AN, plus Compressed Bibliographic Data

DALL ----- ALL, delimited (end of each field identified)  
DMAX ----- MAX, delimited for post-processing  
FAM ----- AN, PI and PRAI in table, plus Patent Family data  
FBIB ----- AN, BIB, plus Patent FAM  
IND ----- Indexing data  
IPC ----- International Patent Classifications  
MAX ----- ALL, plus Patent FAM, RE  
PATS ----- PI, SO  
SAM ----- CC, SX, TI, ST, IT  
SCAN ----- CC, SX, TI, ST, IT (random display, no answer numbers;  
SCAN must be entered on the same line as the DISPLAY,  
e.g., D SCAN or DISPLAY SCAN)  
STD ----- BIB, IPC, and NCL  
  
IABS ----- ABS, indented with text labels  
IALL ----- ALL, indented with text labels  
IBIB ----- BIB, indented with text labels  
IMAX ----- MAX, indented with text labels  
ISTD ----- STD, indented with text labels  
  
OBIB ----- AN, plus Bibliographic Data (original)  
OIBIB ----- OBIB, indented with text labels  
  
SBIB ----- BIB, no citations  
SIBIB ----- IBIB, no citations  
  
HIT ----- Fields containing hit terms  
HITIND ----- IC, ICA, ICI, NCL, CC and index field (ST and IT)  
containing hit terms  
HITRN ----- HIT RN and its text modification  
HITSTR ----- HIT RN, its text modification, its CA index name, and  
its structure diagram  
HITSEQ ----- HIT RN, its text modification, its CA index name, its  
structure diagram, plus NTE and SEQ fields  
FHITSTR ----- First HIT RN, its text modification, its CA index name, and  
its structure diagram  
FHITSEQ ----- First HIT RN, its text modification, its CA index name, its  
structure diagram, plus NTE and SEQ fields  
KWIC ----- Hit term plus 20 words on either side  
OCC ----- Number of occurrence of hit term and field in which it occurs

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All of the formats (except for SAM, SCAN, HIT, HITIND, HITRN, HITSTR, FHITSTR, HITSEQ, FHITSEQ, KWIC, and OCC) may be used with DISPLAY ACC to view a specified Accession Number.  
ENTER DISPLAY FORMAT (BIB):ti

L14 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Constitutive and inducible promoters of  $\alpha$ -tubulin and  
**phenylalanine ammonia** lyase genes from coffee plants

=> d l14 1-3 ti

L14 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Constitutive and inducible promoters of  $\alpha$ -tubulin and  
**phenylalanine ammonia** lyase genes from coffee plants

L14 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN

TI Constitutive and inducible promoters of  $\alpha$ -tubulin and  
phenylalanine ammonia lyase genes from coffee plants

L14 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN

TI Plant defense gene regulatory elements, and its cloning and uses

=> d l14 1-3 bib

L14 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2003:678552 CAPLUS

DN 139:208840

TI Constitutive and inducible promoters of  $\alpha$ -tubulin and  
phenylalanine ammonia lyase genes from coffee plants

IN Aldwinckle, Herbert S.; Gaitan, Alvaro L.

PA USA

SO U.S. Pat. Appl. Publ., 50 pp., Cont.-in-part of U.S. 6,441,273.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2003163837	A1	20030828	US 2002-197280	20020716
	US 6441273	B1	20020827	US 2000-545686	20000407
PRAI	US 2000-180934P	P	20000208		
	US 2000-545686	A2	20000407		
	US 2000-184934P	P	20000208		

L14 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2002:655135 CAPLUS

DN 137:196741

TI Constitutive and inducible promoters of  $\alpha$ -tubulin and  
phenylalanine ammonia lyase genes from coffee plants

IN Aldwinckle, Herbert S.; Gaitan, Alvaro L.

PA Cornell Research Foundation, Inc., USA

SO U.S., 48 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6441273	B1	20020827	US 2000-545686	20000407
	US 2003163837	A1	20030828	US 2002-197280	20020716
PRAI	US 2000-184934P	P	20000208		
	US 2000-180934P	P	20000208		
	US 2000-545686	A2	20000407		

RE.CNT 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1990:566883 CAPLUS

DN 113:166883

TI Plant defense gene regulatory elements, and its cloning and uses

IN Lamb, Christopher John; Dron, Michel; Wingate, Vincent Paul Mary

PA Salk Institute for Biological Studies, USA

SO PCT Int. Appl., 69 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 8912059	A1	19891214	WO 1989-US2150	19890518

W: JP, US, US  
 RW: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE  
 EP 414809 A1 19910306 EP 1989-906880 19890518  
 R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE  
 JP 03504921 T2 19911031 JP 1989-506476 19890518  
 PRAI US 1988-197122 19880520  
 US 1989-343445 19890426  
 WO 1989-US2150 19890518

=> s mite or mites or miniature(inverted)  
 MISSING OPERATOR 'MINIATURE(INVERTED'  
 The search profile that was entered contains terms or  
 nested terms that are not separated by a logical operator.

=> d his

(FILE 'HOME' ENTERED AT 08:46:12 ON 29 JUN 2004)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT  
 08:46:19 ON 29 JUN 2004

L1 1018 S (OZEKI, Y? OR OZEKI Y?)/AU  
 L2 9797 S (FUKUDA, T? OR FUKUDA T?)/AU  
 L3 134 S (OYANAGI, M? OR OYANAGI M?)/AU  
 L4 822 S (KODA, T? OR KODA T?)/AU  
 L5 5 S L1 AND L2 AND L3 AND L4  
 L6 2 DUPLICATE REMOVE L5 (3 DUPLICATES REMOVED)  
 L7 11746 S L1 OR L2 OR L3 OR L4  
 L8 11741 S L7 NOT L5  
 L9 17 S L8 AND (MITE OR MINIATURE(W) INVERTED)  
 L10 10 DUPLICATE REMOVE L9 (7 DUPLICATES REMOVED)  
 L11 38869 S CARROT OR DAUCUS  
 L12 29 S L11 AND (PAL OR PHENYLALANINE(W)AMMONIA) AND PROMOTER  
 L13 3 S L12 NOT L7  
 L14 3 DUPLICATE REMOVE L13 (0 DUPLICATES REMOVED)

=> s mite or mites or miniature(w)inverted  
 L15 95658 MITE OR MITES OR MINIATURE(W) INVERTED

=> s l15 not l7  
 L16 95632 L15 NOT L7

=> s l16 and plant  
 L17 12252 L16 AND PLANT

=> s l17 and transposable(w)element  
 L18 110 L17 AND TRANSPOSABLE(W) ELEMENT

=> duplicate remove l18  
 DUPLICATE PREFERENCE IS 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO'  
 KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n  
 PROCESSING COMPLETED FOR L18  
 L19 60 DUPLICATE REMOVE L18 (50 DUPLICATES REMOVED)

=> d l19 1-10 ti

L19 ANSWER 1 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Rice **plant** genome structure analysis method, and base sequence  
 including transposon

L19 ANSWER 2 OF 60 MEDLINE on STN  
 TI Sources and predictors of resolvable indel polymorphism assessed using  
 rice as a model.

L19 ANSWER 3 OF 60 MEDLINE on STN



TI Transposable element annotation of the rice genome.

L19 ANSWER 4 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Transposable elements associated with genes expressed in plant organs

L19 ANSWER 5 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 1  
 TI Comparative genetics at the gene and chromosome levels between rice (*Oryza sativa*) and wildrice (*Zizania palustris*)

L19 ANSWER 6 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Tourist C transposable elements are closely associated with genes expressed in flowers of rice (*Oryza sativa*)

L19 ANSWER 7 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Genome-wide analysis of mariner-like transposable elements in rice reveals complex relationships with Stowaway miniature inverted repeat transposable elements (MITEs)

L19 ANSWER 8 OF 60 MEDLINE on STN  
 TI A new MITE family, Pangrangja, in Gramineae species.

L19 ANSWER 9 OF 60 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN  
 TI Genetic variation in *Oryza* species detected by MITE-AFLP

L19 ANSWER 10 OF 60 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 TI Genetic variations of AA genome *Oryza* species measured by MITE-AFLP.

=> d 119 4,6,7,8 bib

L19 ANSWER 4 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2003:417905 CAPLUS  
 DN 139:1994  
 TI Transposable elements associated with genes expressed in plant organs  
 IN Higo, Kenichi; Iwamoto, Masao  
 PA National Institute of Agrobiological Sciences, Japan  
 SO PCT Int. Appl., 147 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003044227	A1	20030530	WO 2001-JP10195	20011121
	W: JP, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
	EP 1342793	A1	20030910	EP 2001-274169	20011121
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
	US 2004086855	A1	20040506	US 2002-221596	20020911
PRAI	WO 2001-JP10195	W	20011121		
RE.CNT	4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L19 ANSWER 6 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2003:229569 CAPLUS  
 DN 139:64282  
 TI Tourist C transposable elements are closely associated with genes expressed in flowers of rice (*Oryza sativa*)  
 AU Iwamoto, M.; Higo, K.  
 CS Genome and Biodiversity Research Center, National Institute of

Agrobiological Sciences, Tsukuba, Ibaraki, 305-8602, Japan  
SO Molecular Genetics and Genomics (2003), 268(6), 771-778  
CODEN: MGGOAA; ISSN: 1617-4615  
PB Springer-Verlag  
DT Journal  
LA English  
RE.CNT 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 7 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2003:271085 CAPLUS  
DN 139:1906  
TI Genome-wide analysis of mariner-like transposable elements in rice reveals complex relationships with Stowaway **miniature inverted repeat transposable elements (MITEs)**  
AU Feschotte, Cedric; Swamy, Lakshmi; Wessler, Susan R.  
CS Departments of Plant Biology and Genetics, The University of Georgia, Athens, GA, 30602, USA  
SO Genetics (2003), 163(2), 747-758  
CODEN: GENTAE; ISSN: 0016-6731  
PB Genetics Society of America  
DT Journal  
LA English  
RE.CNT 42 THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 8 OF 60 MEDLINE on STN  
AN 2003340595 MEDLINE  
DN PubMed ID: 12872996  
TI A new **MITE** family, Pangrangja, in Gramineae species.  
AU Park Kyong-Cheul; Jeong Chun-Soon; Song Moon-Tae; Kim Nam-Soo  
CS Division of Biotechnology, Kangwon National University, Chunchon 200-701, Korea.  
SO Molecules and cells, (2003 Jun 30) 15 (3) 373-80.  
Journal code: 9610936. ISSN: 1016-8478.  
CY Korea (South)  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200404  
ED Entered STN: 20030723  
Last Updated on STN: 20040413  
Entered Medline: 20040412

=> d l 19 11-20 ti  
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'L109' IS NOT A VALID FORMAT  
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L19 ANSWER 19 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN  
TI **Miniature inverted repeat transposable elements and methods of use thereof in DNA fingerprinting and the development of genetic markers in plants**

L19 ANSWER 11 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 2

TI Two apple repetitive sequence elements: characterisation and potential use as genetic markers

L19 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 3  
 TI The **plant MITE** mPing is mobilized in anther culture

L19 ANSWER 13 OF 60 MEDLINE on STN DUPLICATE 4  
 TI An active DNA transposon family in rice.

L19 ANSWER 14 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI **MITE**-transposon display efficiently detects polymorphisms among the Oryza AA-genome species

L19 ANSWER 15 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 5  
 TI **Plant MITEs**: useful tools for **plant** genetics and genomics

L19 ANSWER 16 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 6  
 TI **Plant** LTR-retrotransposons and **MITEs**: control of transposition and impact on the evolution of **plant** genes and genomes

L19 ANSWER 17 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Genetic markers for detection of **plant** genome polymorphism in the **transposable element** regions

L19 ANSWER 18 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Use of sequences from transposable elements to altering gene expression with or without transposition

L19 ANSWER 19 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI **Miniature inverted** repeat transposable elements and methods of use thereof in DNA fingerprinting and the development of genetic markers in plants

L19 ANSWER 20 OF 60 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 TI **Miniature inverted**-repeat transposable elements and their relationship to established DNA transposons.

=> d l19 11,15,16,18,20 bib

L19 ANSWER 11 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 2  
 AN 2003:410463 CAPLUS  
 DN 139:255999  
 TI Two apple repetitive sequence elements: characterisation and potential use as genetic markers  
 AU Hadonou, A. M.; Gittins, J. R.; Hiles, E. R.; James, D. J.  
 CS Plant Breeding and Biotechnology, Horticulture Research International, Kent, ME19 6BJ, UK  
 SO Euphytica (2003), 131(2), 177-187  
 CODEN: EUPHAA; ISSN: 0014-2336  
 PB Kluwer Academic Publishers  
 DT Journal  
 LA English  
 RE.CNT 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 15 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 5  
 AN 2003:895655 CAPLUS  
 DN 140:71610  
 TI **Plant MITEs**: useful tools for **plant** genetics and genomics  
 AU Feng, Ying  
 CS Agriculture and Biotechnology College, Zhejiang University, Hangzhou,

310029, Peop. Rep. China  
SO Genomics, Proteomics & Bioinformatics (2003), 1(2), 90-100  
CODEN: GPBEEL; ISSN: 1672-0229  
PB Science Press  
DT Journal; General Review  
LA English  
RE.CNT 66 THERE ARE 66 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 16 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 6  
AN 2003:515000 CAPLUS  
DN 139:192040  
TI **Plant** LTR-retrotransposons and **MITEs**: control of  
transposition and impact on the evolution of **plant** genes and  
genomes  
AU Casacuberta, Josep M.; Santiago, Nestor  
CS Department of Molecular Genetics, IBMB-CSIC, Barcelona, 08034, Spain  
SO Gene (2003), 311, 1-11  
CODEN: GENED6; ISSN: 0378-1119  
PB Elsevier Science B.V.  
DT Journal; General Review  
LA English  
RE.CNT 104 THERE ARE 104 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 18 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2002:978648 CAPLUS  
DN 138:50877  
TI Use of sequences from transposable elements to altering gene expression  
with or without transposition  
IN MacRae, Amy F.  
PA USA  
SO U.S. Pat. Appl. Publ., 46 pp.  
CODEN: USXXCO  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002199216	A1	20021226	US 2002-138221	20020501
PRAI	US 2001-287882P	P	20010501		

L19 ANSWER 20 OF 60 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2002:485991 BIOSIS  
DN PREV200200485991  
TI **Miniature inverted-repeat** transposable elements and  
their relationship to established DNA transposons.  
AU Feschotte, Cedric [Reprint author]; Zhang, Xiaoyu [Reprint author];  
Wessler, Susan R. [Reprint author]  
CS Departments of Botany and Genetics, University of Georgia, Athens, GA,  
30602, USA  
SO Craig, Nancy L.; Craigie, Robert; Gellert, Martin; Lambowitz, Alan M.  
(2002) pp. 1147-1158. Mobile DNA II. print.  
Publisher: ASM Press, 1752 N St. NW, Washington, DC, 20036-2904, USA.  
ISBN: 1-55581-209-0 (cloth).  
DT Book  
Book; (Book Chapter)  
LA English  
ED Entered STN: 18 Sep 2002  
Last Updated on STN: 18 Sep 2002

=> d l19 21-30 ti

L19 ANSWER 21 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN

TI Comparative sequence analysis of the sorghum Rph region and the maize Rpl resistance gene complex

L19 ANSWER 22 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Association of a lipoxxygenase locus, Lpx-B1, with variation in lipoxxygenase activity in durum wheat seeds

L19 ANSWER 23 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI **Miniature inverted**-repeat transposable elements and their relationship to established DNA transposons

L19 ANSWER 24 OF 60 MEDLINE on STN  
 TI Insertion-deletion polymorphisms in 3' regions of maize genes occur frequently and can be used as highly informative genetic markers.

L19 ANSWER 25 OF 60 MEDLINE on STN DUPLICATE 7  
 TI Resistance of cultivated tomato to cell content-feeding herbivores is regulated by the octadecanoid-signaling pathway.

L19 ANSWER 26 OF 60 MEDLINE on STN DUPLICATE 8  
 TI Genome-wide distribution and potential regulatory functions of AtATE, a novel family of **miniature inverted**-repeat transposable elements in Arabidopsis thaliana.

L19 ANSWER 27 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Comparison of orthologous and paralogous DNA flanking the wheat high molecular weight glutenin genes: Sequence conservation and divergence, transposon distribution, and matrix-attachment regions

L19 ANSWER 28 OF 60 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 TI **Plant** transposable elements: Where genetics meets genomics.

L19 ANSWER 29 OF 60 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 TI Evaluation of Hbr (**MITE**) markers for assessment of genetic relationships among maize (Zea mays L.) inbred lines.

L19 ANSWER 30 OF 60 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 TI Phylogenetic analysis reveals Stowaway-like elements may represent a fourth family of the IS630-Tc1-mariner superfamily.

=> d 119 23,28 bib

L19 ANSWER 23 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2002:336329 CAPLUS  
 DN 137:320749  
 TI **Miniature inverted**-repeat transposable elements and their relationship to established DNA transposons  
 AU Feschotte, Cedric; Zhang, Xiaoyu; Wessler, Susan R.  
 CS Departments of Botany and Genetics, University of Georgia, Athens, GA, 30602, USA  
 SO Mobile DNA II (2002), 1147-1158. Editor(s): Craig, Nancy L. Publisher: American Society for Microbiology, Washington, D. C.  
 CODEN: 69CONY; ISBN: 1-55581-209-0  
 DT Conference; General Review  
 LA English  
 RE.CNT 68 THERE ARE 68 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 28 OF 60 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 2002:356351 BIOSIS  
 DN PREV200200356351  
 TI **Plant** transposable elements: Where genetics meets genomics.  
 AU Feschotte, Cedric; Jiang, Ning; Wessler, Susan R. [Reprint author]  
 CS Departments of Plant Biology and Genetics, The University of Georgia,

Athens, GA, 30602, USA  
sue@dogwood.botany.uga.edu

SO Nature Reviews Genetics, (May, 2002) Vol. 3, No. 5, pp. 329-341. print.  
ISSN: 1471-0056.

DT Article  
General Review; (Literature Review)

LA English

ED Entered STN: 26 Jun 2002

Last Updated on STN: 26 Jun 2002

=> d 119 31-40 ti

- L19 ANSWER 31 OF 60 MEDLINE on STN DUPLICATE 9  
TI P instability factor: an active maize transposon system associated with the amplification of Tourist-like **MITEs** and a new superfamily of transposases.
- L19 ANSWER 32 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 10  
TI Inter-**MITE** polymorphisms (IMP): A high throughput transposon-based genome mapping and fingerprinting approach
- L19 ANSWER 33 OF 60 MEDLINE on STN DUPLICATE 11  
TI Micron, a microsatellite-targeting **transposable element** in the rice genome.
- L19 ANSWER 34 OF 60 MEDLINE on STN DUPLICATE 12  
TI Kiddo, a new **transposable element** family closely associated with rice genes.
- L19 ANSWER 35 OF 60 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN  
TI The wheat  $\gamma$ -gliadin genes: Characterization of ten new sequences and further understanding of  $\gamma$ -gliadin gene family structure
- L19 ANSWER 36 OF 60 MEDLINE on STN DUPLICATE 13  
TI Survey of transposable elements from rice genomic sequences.
- L19 ANSWER 37 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN  
TI A novel type of transposon-based genetic marker **MITE** and method for detecting polymorphisms in Eukaryote
- L19 ANSWER 38 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN  
TI The **MITE** family Heartbreaker (Hbr): molecular markers in maize
- L19 ANSWER 39 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 14  
TI Transposon diversity in Arabidopsis thaliana
- L19 ANSWER 40 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 15  
TI Phylogenetic evidence for excision of Stowaway **miniature inverted-repeat transposable elements** in Triticeae (Poaceae)

=> d 119 41-50 ti

- L19 ANSWER 41 OF 60 MEDLINE on STN DUPLICATE 16  
TI Recent, extensive, and preferential insertion of members of the **miniature inverted-repeat transposable element** family Heartbreaker into genic regions of maize.
- L19 ANSWER 42 OF 60 MEDLINE on STN DUPLICATE 17  
TI Evidence that a family of **miniature inverted-repeat transposable elements (MITEs)** from the Arabidopsis thaliana genome has arisen from a pogo-like DNA transposon.
- L19 ANSWER 43 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN

TI Origin of **MITE** (miniature inverted-repeat transposable element)

L19 ANSWER 44 OF 60 MEDLINE on STN DUPLICATE 18  
 TI The rice R gene family: two distinct subfamilies containing several miniature inverted-repeat transposable elements.

L19 ANSWER 45 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI The complete sequence of 340 kb of DNA around the rice Adh1-Adh2 region reveals interrupted colinearity with maize chromosome 4

L19 ANSWER 46 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 19  
 TI Inter- and intra-specific distribution of Stowaway transposable elements in AA-genome species of wild rice

L19 ANSWER 47 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Structural domains and matrix attachment regions along colinear chromosomal segments of maize and sorghum

L19 ANSWER 48 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Preferential location of **MITEs** in rice genome

L19 ANSWER 49 OF 60 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 TI Recent amplification of miniature inverted-repeat transposable elements in the vector mosquito *Culex pipiens*: Characterization of the Mimo family.

L19 ANSWER 50 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Colinearity and its exceptions in orthologous adh regions of maize and sorghum

=> d 119 43 bib

L19 ANSWER 43 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2000:749374 CAPLUS  
 DN 133:276847  
 TI Origin of **MITE** (miniature inverted-repeat transposable element)  
 AU Hikosaka, Akira  
 CS Fac. Integr. Arts and Sci., Hiroshima Univ., Japan  
 SO Kagaku to Seibutsu (2000), 38(10), 673-674  
 CODEN: KASEAA; ISSN: 0453-073X  
 PB Gakkai Shuppan Senta  
 DT Journal; General Review  
 LA Japanese

=> d 119 51-60 ti

L19 ANSWER 51 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 20  
 TI Bigfoot: a new family of **MITE** elements characterized from the *Medicago* genus

L19 ANSWER 52 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Matrix attachment regions and structural colinearity in the genomes of two grass species

L19 ANSWER 53 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Transposable elements associated with normal **plant** genes

L19 ANSWER 54 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Identification and characterization of 14 transposon-like elements in the noncoding regions of members of the Xa21 family of disease resistance genes in rice

L19 ANSWER 55 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Sequence organization and conservation in sh2/a1-homologous regions of sorghum and rice

L19 ANSWER 56 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Transposable elements and the evolution of gene expression

L19 ANSWER 57 OF 60 MEDLINE on STN DUPLICATE 21  
TI Presence of **miniature inverted-repeat** transposable elements (**MITEs**) in the genome of *Arabidopsis thaliana*: characterisation of the Emigrant family of elements.

L19 ANSWER 58 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 22  
TI Three novel families of **miniature inverted-repeat** transposable elements are associated with genes of the yellow fever mosquito, *Aedes aegypti*

L19 ANSWER 59 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN  
TI A computer-based systematic survey reveals the predominance of small inverted-repeat elements in wild-type rice genes

L19 ANSWER 60 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 23  
TI LTR-retrotransposons and **MITEs**: important players in the evolution of **plant** genomes

=> d l19 53,56,60 bib

L19 ANSWER 53 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1998:622914 CAPLUS  
DN 129:326605  
TI Transposable elements associated with normal **plant** genes  
AU Wessler, Susan R.  
CS Depts of Botany and Genetics, The Univ. of Georgia, Athens, GA, 30602, USA  
SO *Physiologia Plantarum* (1998), 103(4), 581-586  
CODEN: PHPLAI; ISSN: 0031-9317  
PB Munksgaard International Publishers Ltd.  
DT Journal; General Review  
LA English  
RE.CNT 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 56 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1998:333038 CAPLUS  
DN 129:23766  
TI Transposable elements and the evolution of gene expression  
AU Wessler, Susan R.  
CS Departments of Botany and Genetics, University of Georgia, Athens, GA, 30602, USA  
SO Symposia of the Society for Experimental Biology (1998), 51(Control of Plant Development: Genes and Signals), 115-122  
CODEN: SSEBA9; ISSN: 0081-1386  
PB Company of Biologists Ltd.  
DT Journal; General Review  
LA English  
RE.CNT 77 THERE ARE 77 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 60 OF 60 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 23  
AN 1995:1000686 CAPLUS  
DN 124:46685  
TI LTR-retrotransposons and **MITEs**: important players in the evolution of **plant** genomes  
AU Wessler, Susan R.; Bureau, Thomas E.; White, Shawn E.



CS Univ. of Georgia, Athens, GA, USA  
SO Current Opinion in Genetics & Development (1995), 5(6), 814-21  
CODEN: COGDET; ISSN: 0959-437X  
PB Current Biology  
DT Journal; General Review  
LA English

=> d his

(FILE 'HOME' ENTERED AT 08:46:12 ON 29 JUN 2004)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT  
08:46:19 ON 29 JUN 2004

L1 1018 S (OZEKI, Y? OR OZEKI Y?)/AU  
L2 9797 S (FUKUDA, T? OR FUKUDA T?)/AU  
L3 134 S (OYANAGI, M? OR OYANAGI M?)/AU  
L4 822 S (KODA, T? OR KODA T?)/AU  
L5 5 S L1 AND L2 AND L3 AND L4  
L6 2 DUPLICATE REMOVE L5 (3 DUPLICATES REMOVED)  
L7 11746 S L1 OR L2 OR L3 OR L4  
L8 11741 S L7 NOT L5  
L9 17 S L8 AND (MITE OR MINIATURE(W) INVERTED)  
L10 10 DUPLICATE REMOVE L9 (7 DUPLICATES REMOVED)  
L11 38869 S CARROT OR DAUCUS  
L12 29 S L11 AND (PAL OR PHENYLALANINE(W) AMMONIA) AND PROMOTER  
L13 3 S L12 NOT L7  
L14 3 DUPLICATE REMOVE L13 (0 DUPLICATES REMOVED)  
L15 95658 S MITE OR MITES OR MINIATURE(W) INVERTED  
L16 95632 S L15 NOT L7  
L17 12252 S L16 AND PLANT  
L18 110 S L17 AND TRANSPOSABLE(W) ELEMENT  
L19 60 DUPLICATE REMOVE L18 (50 DUPLICATES REMOVED)

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L20 807 IS2

=> s l20 and l11

L21 3 L20 AND L11

=> s l21 not l7

L22 0 L21 NOT L7

=> d his

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FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT  
08:46:19 ON 29 JUN 2004

L1 1018 S (OZEKI, Y? OR OZEKI Y?)/AU  
L2 9797 S (FUKUDA, T? OR FUKUDA T?)/AU  
L3 134 S (OYANAGI, M? OR OYANAGI M?)/AU  
L4 822 S (KODA, T? OR KODA T?)/AU  
L5 5 S L1 AND L2 AND L3 AND L4  
L6 2 DUPLICATE REMOVE L5 (3 DUPLICATES REMOVED)  
L7 11746 S L1 OR L2 OR L3 OR L4  
L8 11741 S L7 NOT L5  
L9 17 S L8 AND (MITE OR MINIATURE(W) INVERTED)  
L10 10 DUPLICATE REMOVE L9 (7 DUPLICATES REMOVED)  
L11 38869 S CARROT OR DAUCUS  
L12 29 S L11 AND (PAL OR PHENYLALANINE(W) AMMONIA) AND PROMOTER  
L13 3 S L12 NOT L7  
L14 3 DUPLICATE REMOVE L13 (0 DUPLICATES REMOVED)  
L15 95658 S MITE OR MITES OR MINIATURE(W) INVERTED  
L16 95632 S L15 NOT L7

L17 12252 S L16 AND PLANT  
 L18 110 S L17 AND TRANSPOSABLE(W)ELEMENT  
 L19 60 DUPLICATE REMOVE L18 (50 DUPLICATES REMOVED)  
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 L21 3 S L20 AND L11  
 L22 0 S L21 NOT L7

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SINCE FILE

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PASSWORD:

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 and June 2004  
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 NEWS 6 May 12 Polymer links for the POLYLINK command completed in REGISTRY  
 NEWS 7 May 17 FRFULL now available on STN  
 NEWS 8 May 27 New UPM (Update Code Maximum) field for more efficient patent  
 SDIs in Caplus  
 NEWS 9 May 27 Caplus super roles and document types searchable in REGISTRY  
 NEWS 10 May 27 Explore APOLLIT with free connect time in June 2004  
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 NEWS 13 Jun 28 ANTE, AQUALINE, BIOENG, CIVILENG, ENVIROENG, MECHENG,  
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FULL ESTIMATED COST          0.21      0.21
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FILE COVERS 1971 TO PATENT PUBLICATION DATE: 29 Jun 2004 (20040629/PD)  
FILE LAST UPDATED: 29 Jun 2004 (20040629/ED)  
HIGHEST GRANTED PATENT NUMBER: US6757913  
HIGHEST APPLICATION PUBLICATION NUMBER: US2004123365  
CA INDEXING IS CURRENT THROUGH 29 Jun 2004 (20040629/UPCA)  
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 29 Jun 2004 (20040629/PD)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2004  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2004

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>>> publications, starting in 2001, for the inventions covered in  <<<
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>>> publications.  The publication number, patent kind code, and  <<<
>>> publication date for all the US publications for an invention  <<<
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>>> the earliest to the latest publication.  <<<
```

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    51 OZEKI, Y?/AU
    51 OZEKI Y?/AU
L1    51 (OZEKI, Y? OR OZEKI Y?)/AU

=> s (fukuda, t? or fukuda t?)/au
    670 FUKUDA, T?/AU
    670 FUKUDA T?/AU
L2    670 (FUKUDA, T? OR FUKUDA T?)/AU

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    8 OYANAGI, M?/AU
    8 OYANAGI M?/AU
L3    8 (OYANAGI, M? OR OYANAGI M?)/AU

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    94 KODA, T?/AU
    94 KODA T?/AU
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L4 94 (KODA, T? OR KODA T?)/AU

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L5 0 L1 AND L2 AND L3 AND L4

=> s l1 or l2 or l3 or l4

L6 822 L1 OR L2 OR L3 OR L4

=> s miniature(w)inverted

36999 MINIATURE

252364 INVERTED

L7 15 MINIATURE(W) INVERTED

=> s l6 and l7

L8 0 L6 AND L7

=> d l7 1-15 ti

L7 ANSWER 1 OF 15 USPATFULL on STN

TI Method for screening genes expressing at desired part

L7 ANSWER 2 OF 15 USPATFULL on STN

TI Sugarcane UBI9 gene promoter and methods of use thereof

L7 ANSWER 3 OF 15 USPATFULL on STN

TI Transposable elements in rice and methods of use

L7 ANSWER 4 OF 15 USPATFULL on STN

TI Sugarcane ubi9 gene promoter sequence and methods of use thereof

L7 ANSWER 5 OF 15 USPATFULL on STN

TI Method and test kit for demonstrating genetic identity

L7 ANSWER 6 OF 15 USPATFULL on STN

TI Nucleic acid transfer vector for the introduction of nucleic acid into the DNA of a cell

L7 ANSWER 7 OF 15 USPATFULL on STN

TI Method for identifying transposons from a nucleic acid database

L7 ANSWER 8 OF 15 USPATFULL on STN

TI Nucleic acid transfer vector for the introduction of nucleic acid into the DNA of a cell

L7 ANSWER 9 OF 15 USPATFULL on STN

TI Facilitation of genome characterization by integrating renaturation kinetics with cloning and sequencing

L7 ANSWER 10 OF 15 USPATFULL on STN

TI Use of transposable elements for altering gene expression

L7 ANSWER 11 OF 15 USPATFULL on STN

TI **Miniature inverted** repeat transposable elements and methods of use

L7 ANSWER 12 OF 15 USPATFULL on STN

TI Plant promoter sequences and methods of use thereof

L7 ANSWER 13 OF 15 USPATFULL on STN

TI Methods for genotyping by hybridization analysis

L7 ANSWER 14 OF 15 USPATFULL on STN

TI DNA-BASED TRANSPOSON SYSTEM FOR THE INTRODUCTION OF NUCLEIC ACID INTO DNA OF A CELL

L7 ANSWER 15 OF 15 USPATFULL on STN  
TI WATCH

=> d 17 1-14 bib

L7 ANSWER 1 OF 15 USPATFULL on STN  
AN 2004:114016 USPATFULL  
TI Method for screening genes expressing at desired part  
IN Higo, Kenichi, Tsukuba-shi, JAPAN  
Iwamoto, Masao, Tsukuba-shi, JAPAN  
PI US 2004086855 A1 20040506  
AI US 2002-221596 A1 20020911 (10)  
WO 2001-JP10195 20011121  
DT Utility  
FS APPLICATION  
LREP Perkins Coie, PO Box 2168, Menlo Park, CA, 94026  
CLMN Number of Claims: 57  
ECL Exemplary Claim: 1  
DRWN 10 Drawing Page(s)  
LN.CNT 3458  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 2 OF 15 USPATFULL on STN  
AN 2004:66034 USPATFULL  
TI Sugarcane UBI9 gene promoter and methods of use thereof  
IN Albert, Henrik H., Honolulu, HI, United States  
Wei, Hairong, Honolulu, HI, United States  
PA The United States of America as represented by the Secretary of  
Agriculture, Washington, DC, United States (U.S. government)  
University of Hawaii, Honolulu, HI, United States (U.S. corporation)  
PI US 6706948 B1 20040316  
AI US 1999-270976 19990317 (9)  
PRAI US 1998-78768P 19980319 (60)  
DT Utility  
FS GRANTED  
EXNAM Primary Examiner: Benzion, Gary; Assistant Examiner: Mehta, Ashwin  
LREP Medlen & Carroll, LLP, Connor, Margaret A.  
CLMN Number of Claims: 9  
ECL Exemplary Claim: 6  
DRWN 25 Drawing Figure(s); 28 Drawing Page(s)  
LN.CNT 3531  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 3 OF 15 USPATFULL on STN  
AN 2004:57483 USPATFULL  
TI Transposable elements in rice and methods of use  
IN Wessler, Susan R., Athens, GA, UNITED STATES  
Jiang, Ning, Athens, GA, UNITED STATES  
Bao, Zhirong, St Louis, MO, UNITED STATES  
Zhang, Xiaoyu, Athens, GA, UNITED STATES  
Eddy, Sean R., Saint Louis, MO, UNITED STATES  
PI US 2004043485 A1 20040304  
AI US 2003-346198 A1 20030116 (10)  
PRAI US 2002-377409P 20020501 (60)  
DT Utility  
FS APPLICATION  
LREP William L. Warren, SUTHERLAND ASBILL & BRENNAN LLP, 999 Peachtree  
Street, NE, Atlanta, GA, 30309-3996  
CLMN Number of Claims: 45  
ECL Exemplary Claim: 1  
DRWN 11 Drawing Page(s)  
LN.CNT 4447  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 4 OF 15 USPATFULL on STN  
AN 2004:27177 USPATFULL  
TI Sugarcane ubi9 gene promoter sequence and methods of use thereof  
IN Albert, Henrik H., Honolulu, HI, United States  
Wei, Hairong, Honolulu, HI, United States  
PA The United States of America as represented by the Secretary of  
Agriculture, Washington, DC, United States (U.S. government)  
University of Hawaii, Honolulu, HI, United States (U.S. corporation)  
PI US 6686513 B1 20040203  
AI US 2000-693467 20001020 (9)  
RLI Continuation-in-part of Ser. No. US 1999-270976, filed on 17 Mar 1999  
PRAI US 1998-78767P 19980319 (60)  
DT Utility  
FS GRANTED  
EXNAM Primary Examiner: Mehta, Ashwin  
LREP Medlen & Carroll, LLP, Connor, Margaret A.  
CLMN Number of Claims: 13  
ECL Exemplary Claim: 6  
DRWN 17 Drawing Figure(s); 30 Drawing Page(s)  
LN.CNT 4000  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 5 OF 15 USPATFULL on STN  
AN 2003:244296 USPATFULL  
TI Method and test kit for demonstrating genetic identity  
IN Schulman, Alan Howard, Helsinki, FINLAND  
Paulin, Lars Goran, Helsinki, FINLAND  
PI US 2003170705 A1 20030911  
AI US 2003-351934 A1 20030127 (10)  
PRAI FI 2002-176 20020130  
DT Utility  
FS APPLICATION  
LREP John Dodds, 1707 N St. NW, Washington, DC, 20036  
CLMN Number of Claims: 41  
ECL Exemplary Claim: 1  
DRWN 15 Drawing Page(s)  
LN.CNT 2477  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 6 OF 15 USPATFULL on STN  
AN 2003:221207 USPATFULL  
TI Nucleic acid transfer vector for the introduction of nucleic acid into  
the DNA of a cell  
IN Hackett, Perry B., Shoreview, MN, UNITED STATES  
Clark, Karl J., Ramsey, MN, UNITED STATES  
Ivics, Zoltan, Berlin, GERMANY, FEDERAL REPUBLIC OF  
Izsvak, Zsuzsanna, Berlin, GERMANY, FEDERAL REPUBLIC OF  
Fahrenkrug, Scott C., St. Paul, MN, UNITED STATES  
PA Regents of the University of Minnesota, Minneapolis, MN, UNITED STATES,  
55455-2070 (U.S. corporation)  
PI US 2003154500 A1 20030814  
AI US 2002-191698 A1 20020709 (10)  
RLI Continuation of Ser. No. US 1998-191572, filed on 13 Nov 1998, ABANDONED  
DT Utility  
FS APPLICATION  
LREP MUETING, RAASCH & GEBHARDT, P.A., P.O. BOX 581415, MINNEAPOLIS, MN,  
55458  
CLMN Number of Claims: 166  
ECL Exemplary Claim: 1  
DRWN 20 Drawing Page(s)  
LN.CNT 4354  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 7 OF 15 USPATFULL on STN  
AN 2003:219665 USPATFULL

TI Method for identifying transposons from a nucleic acid database  
IN Bureau, Thomas, Quebec, CANADA  
PI US 2003152955 A1 20030814  
AI US 2002-203640 A1 20021204 (10)  
WO 2001-CA251 20010226  
PRAI US 2000-60184650 20000224  
DT Utility  
FS APPLICATION  
LREP OGILVY RENAULT, 1981 MCGILL COLLEGE AVENUE, SUITE 1600, MONTREAL, QC,  
H3A2Y3  
CLMN Number of Claims: 15  
ECL Exemplary Claim: 1  
DRWN 5 Drawing Page(s)  
LN.CNT 884

L7 ANSWER 8 OF 15 USPATFULL on STN  
AN 2003:180838 USPATFULL  
TI Nucleic acid transfer vector for the introduction of nucleic acid into  
the DNA of a cell  
IN Hackett, Perry B., Shoreview, MN, UNITED STATES  
Ivics, Zoltan, Berlin, GERMANY, FEDERAL REPUBLIC OF  
Izsvak, Zsuzsanna, Berlin, GERMANY, FEDERAL REPUBLIC OF  
PA Regents of the University of Minnesota, Minneapolis, MN (U.S.  
corporation)  
PI US 2003124668 A1 20030703  
AI US 2002-263159 A1 20021002 (10)  
RLI Continuation of Ser. No. US 1998-142593, filed on 10 Sep 1998, GRANTED,  
Pat. No. US 6489458 A 371 of International Ser. No. WO 1998-US4687,  
filed on 11 Mar 1998, PENDING  
PRAI US 1997-40664P 19970311 (60)  
US 1997-53868P 19970728 (60)  
US 1997-65303P 19971113 (60)  
DT Utility  
FS APPLICATION  
LREP MUETING, RAASCH & GEBHARDT, P.A., P.O. BOX 581415, MINNEAPOLIS, MN,  
55458  
CLMN Number of Claims: 37  
ECL Exemplary Claim: 1  
DRWN 13 Drawing Page(s)  
LN.CNT 2102  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 9 OF 15 USPATFULL on STN  
AN 2003:152792 USPATFULL  
TI Facilitation of genome characterization by integrating renaturation  
kinetics with cloning and sequencing  
IN Peterson, Daniel G., Starkville, MS, UNITED STATES  
Paterson, Andrew H., Arnoldsville, GA, UNITED STATES  
Wessler, Susan R., Athens, GA, UNITED STATES  
PI US 2003104458 A1 20030605  
AI US 2002-293038 A1 20021113 (10)  
PRAI US 2001-338181P 20011113 (60)  
DT Utility  
FS APPLICATION  
LREP William L. Warren, SUTHERLAND ASBILL & BRENNAN LLP, 999 Peachtree  
Street, NE, Atlanta, GA, 30309-3996  
CLMN Number of Claims: 80  
ECL Exemplary Claim: 1  
DRWN 9 Drawing Page(s)  
LN.CNT 2651  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 10 OF 15 USPATFULL on STN  
AN 2002:345478 USPATFULL  
TI Use of transposable elements for altering gene expression

IN MacRae, Amy F., St. Louis, MO, UNITED STATES  
PI US 2002199216 A1 20021226  
AI US 2002-138221 A1 20020501 (10)  
PRAI US 2001-287882P 20010501 (60)  
DT Utility  
FS APPLICATION  
LREP Elie H. Gendloff, Amster, Rothstein & Ebenstein, 90 Park Avenue, New  
York, NY, 10016  
CLMN Number of Claims: 88  
ECL Exemplary Claim: 1  
DRWN 5 Drawing Page(s)  
LN.CNT 3326  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 11 OF 15 USPATFULL on STN  
AN 2002:174950 USPATFULL  
TI **Miniature inverted** repeat transposable elements and  
methods of use  
IN Wessler, Susan R., Athens, GA, United States  
Casa, Alexandra M., Ithaca, NY, United States  
PA The University of Georgia Research Foundation, Inc., Athens, GA, United  
States (U.S. corporation)  
PI US 6420117 B1 20020716  
AI US 2000-662402 20000914 (9)  
PRAI US 1999-153812P 19990914 (60)  
DT Utility  
FS GRANTED  
EXNAM Primary Examiner: Horlick, Kenneth R.; Assistant Examiner: Spiegler,  
Alexander H.  
LREP Muetting, Raasch & Gebhardt, P.A.  
CLMN Number of Claims: 39  
ECL Exemplary Claim: 1  
DRWN 14 Drawing Figure(s); 11 Drawing Page(s)  
LN.CNT 2166  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 12 OF 15 USPATFULL on STN  
AN 2002:86369 USPATFULL  
TI Plant promoter sequences and methods of use thereof  
IN Albert, Henrik H., Honolulu, HI, UNITED STATES  
Wei, Hairong, Honolulu, HI, UNITED STATES  
PA The United States of America, Secretary of Agriculture and University of  
Hawaii (U.S. corporation)  
PI US 2002046415 A1 20020418  
US 6638766 B2 20031028  
AI US 2001-866153 A1 20010524 (9)  
RLI Continuation of Ser. No. US 1999-270976, filed on 17 Mar 1999, PENDING  
PRAI US 1998-78768P 19980319 (60)  
DT Utility  
FS APPLICATION  
LREP Peter G. Carroll, MELDEN & CARROLL, LLP, Suite 2200, 220 Montgomery  
Street, San Francisco, CA, 94104  
CLMN Number of Claims: 25  
ECL Exemplary Claim: 1  
DRWN 28 Drawing Page(s)  
LN.CNT 3486  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 13 OF 15 USPATFULL on STN  
AN 2002:78409 USPATFULL  
TI Methods for genotyping by hybridization analysis  
IN Kilian, Andrzej, Kaleen, AUSTRALIA  
PI US 2002042063 A1 20020411  
US 6713258 B2 20040330  
AI US 2001-820328 A1 20010329 (9)



PRAI US 2000-193042P 20000329 (60)  
US 2000-252551P 20001121 (60)  
US 2000-252747P 20001122 (60)  
DT Utility  
FS APPLICATION  
LREP Richard C. Peet, FOLEY & LARDNER, Washington Harbour, 3000 K Street,  
N.W., Suite 500, Washington, DC, 20007-5109  
CLMN Number of Claims: 40  
ECL Exemplary Claim: 1  
DRWN 14 Drawing Page(s)  
LN.CNT 1870  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 14 OF 15 USPATFULL on STN  
AN 2002:28124 USPATFULL  
TI DNA-BASED TRANSPOSON SYSTEM FOR THE INTRODUCTION OF NUCLEIC ACID INTO  
DNA OF A CELL  
IN HACKETT, PERRY B., SHOREVIEW, MN, UNITED STATES  
IVICS, ZOLTAN, AMSTERDAM, NETHERLANDS  
IZSVAK, ZSUZSANNA, AMSTERDAM, NETHERLANDS  
PA Regents of the University of Minnesota (U.S. corporation)  
PI US 2002016975 A1 20020207  
US 6489458 B2 20021203  
AI US 1998-142593 A1 19980910 (9)  
WO 1998-US4687 19980311  
DT Utility  
FS APPLICATION  
LREP VICTORIA A SANDBERG, MUETING RAASCH & GEBHARDT, PO BOX 581415,  
MINNEAPOLIS, MN, 554581415  
CLMN Number of Claims: 101  
ECL Exemplary Claim: 1  
DRWN 13 Drawing Page(s)  
LN.CNT 2243  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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L2 670 S (FUKUDA, T? OR FUKUDA T?)/AU  
L3 8 S (OYANAGI, M? OR OYANAGI M?)/AU  
L4 94 S (KODA, T? OR KODA T?)/AU  
L5 0 S L1 AND L2 AND L3 AND L4  
L6 822 S L1 OR L2 OR L3 OR L4  
L7 15 S MINIATURE(W) INVERTED  
L8 0 S L6 AND L7

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ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
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FULL ESTIMATED COST

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